

ABSTRACT OF THE DISCLOSURE

5 A transceiver apparatus for creating a  
wireless personal local area network between a  
computer terminal and one or more peripheral  
devices. A separate transceiver is connected to  
the computer terminal and to each peripheral  
device. The transceivers can be connected to  
the terminal or peripheral device either  
10 internally or externally. A low power radio is  
used to communicate information between the  
computer terminal and peripheral devices.  
Different transceivers can be used for modifying  
the carrier frequency and power of the local  
15 area network. The microprocessor is located  
inside each transceiver and controls the  
information flow of the transceiver including  
the communication protocol which allows each  
device to know if other devices are  
20 communicating, which devices are being  
communicated to, and selectively address the  
peripheral devices. An Idle Sense communication  
protocol is used for information transfer  
between the computer terminal and the peripheral  
25 devices, increasing efficiency in power  
management and compensating for transmission  
collisions.